

FIG. 1

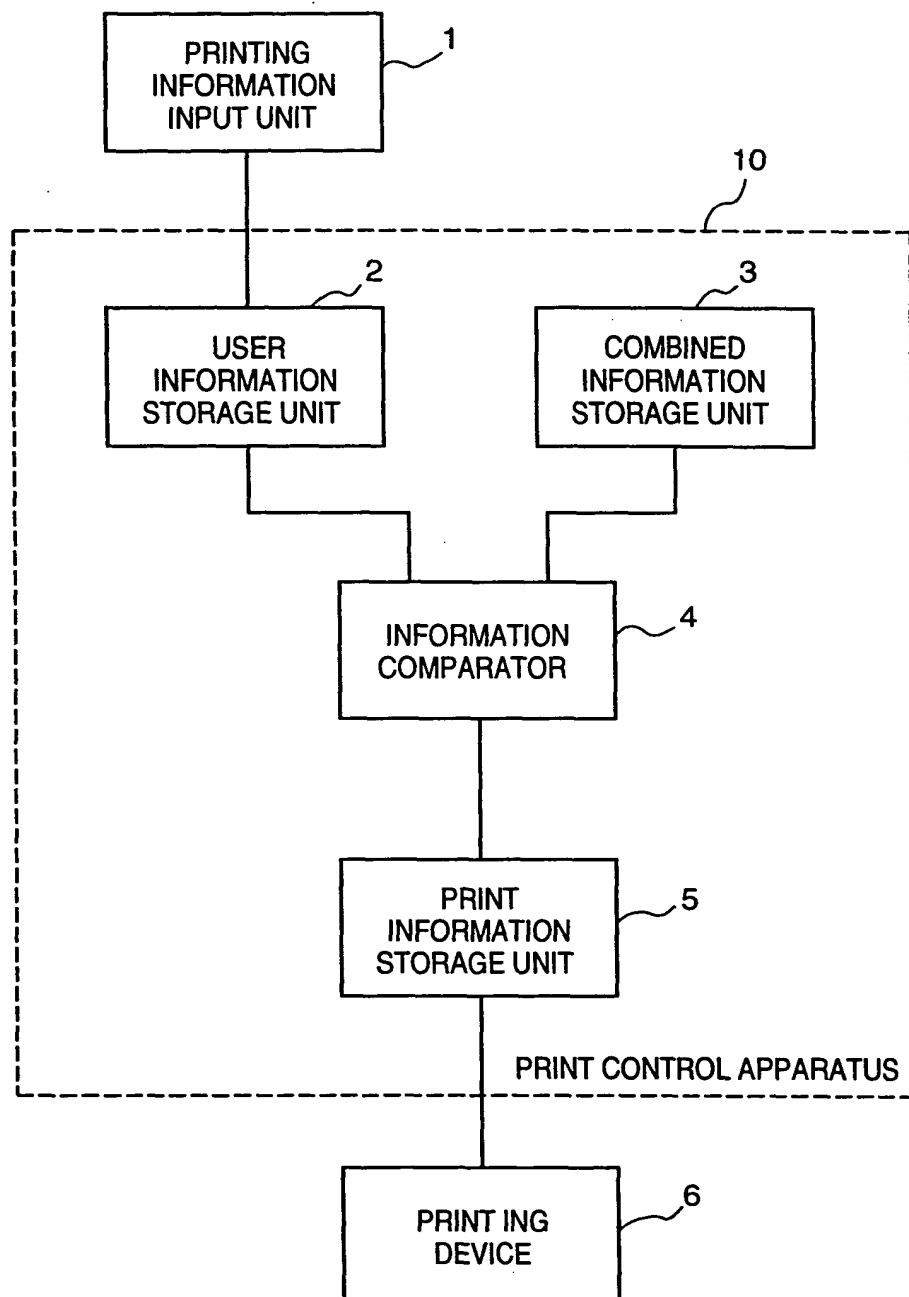


FIG. 2

TYPE OF INFORMATION	INFORMATION ENTERED BY USER
PAPER SIZE	A4
PAPER TYPE	COATED PAPER
PRINTING QUALITY	HIGH QUALITY
PRINTING COLOR	COLOR

FIG. 3

TYPE OF INFORMATION	INFORMATION ENTERED BY USER
PAPER SIZE	A4
PAPER TYPE	COATED PAPER
PRINTING QUALITY	HIGH QUALITY
PRINTING COLOR	COLOR
PAPER FEED METHOD	AUTOMATIC SHEET FEEDER

FIG. 4

TYPE OF INFORMATION	INFORMATION ENTERED BY USER
PAPER SIZE	A4
PAPER TYPE	COATED PAPER
PRINTING COLOR	COLOR
PAPER FEED METHOD	AUTOMATIC SHEET FEEDER

FIG. 5

PAPER SIZE	PAPER TYPE	PRINTING QUALITY	PRINTING COLOR	COMBINATION No.
A4	PLAIN PAPER	HIGH QUALITY	COLOR	1
A4	PLAIN PAPER	HIGH QUALITY	MONOCHROME	2
A4	PLAIN PAPER	LOW QUALITY	COLOR	3
A4	PLAIN PAPER	LOW QUALITY	MONOCHROME	4
A4	COATED PAPER	HIGH QUALITY	COLOR	5
A4	COATED PAPER	HIGH QUALITY	MONOCHROME	6
A4	COATED PAPER	LOW QUALITY	COLOR	7
A4	COATED PAPER	LOW QUALITY	MONOCHROME	8

FIG. 6

PAPER SIZE	PAPER TYPE	* PRINTING QUALITY	PRINTING COLOR	COMBINATION No.
A4	PLAIN PAPER	LOW QUALITY	COLOR	1
A4	PLAIN PAPER	LOW QUALITY	MONOCHROME	2
A4	COATED PAPER	HIGH QUALITY	COLOR	3
A4	COATED PAPER	HIGH QUALITY	MONOCHROME	4

* INFORMATION NOT SELECTED BY USER

FIG. 7

PAPER SIZE	PAPER TYPE	* PRINTING QUALITY	PRINTING COLOR	* SMOOTHING	COMBINATION No.
A4	PLAIN PAPER	LOW QUALITY	COLOR	NO	1
A4	PLAIN PAPER	LOW QUALITY	MONOCHROME	NO	2
A4	COATED PAPER	HIGH QUALITY	COLOR	NO	3
A4	COATED PAPER	HIGH QUALITY	MONOCHROME	YES	4

* INFORMATION NOT SELECTED BY USER

FIG. 8

PAPER SIZE	PAPER TYPE	* PRINTING QUALITY	PRINTING COLOR	* SMOOTHING	PAPER FEED METHOD	COMBINATION No.
A4	PLAIN PAPER	LOW QUALITY	COLOR	NO	MANUAL INSERTION	1
A4	PLAIN PAPER	LOW QUALITY	COLOR	NO	AUTOMATIC SHEET FEEDER	2
A4	PLAIN PAPER	LOW QUALITY	MONOCHROME	NO	MANUAL INSERTION	3
A4	PLAIN PAPER	LOW QUALITY	MONOCHROME	NO	AUTOMATIC SHEET FEEDER	4
A4	COATED PAPER	HIGH QUALITY	COLOR	NO	MANUAL INSERTION	5
A4	COATED PAPER	HIGH QUALITY	COLOR	NO	AUTOMATIC SHEET FEEDER	6
A4	COATED PAPER	HIGH QUALITY	MONOCHROME	YES	MANUAL INSERTION	7
A4	COATED PAPER	HIGH QUALITY	MONOCHROME	YES	AUTOMATIC SHEET FEEDER	8

* INFORMATION NOT SELECTED BY USER

FIG. 9

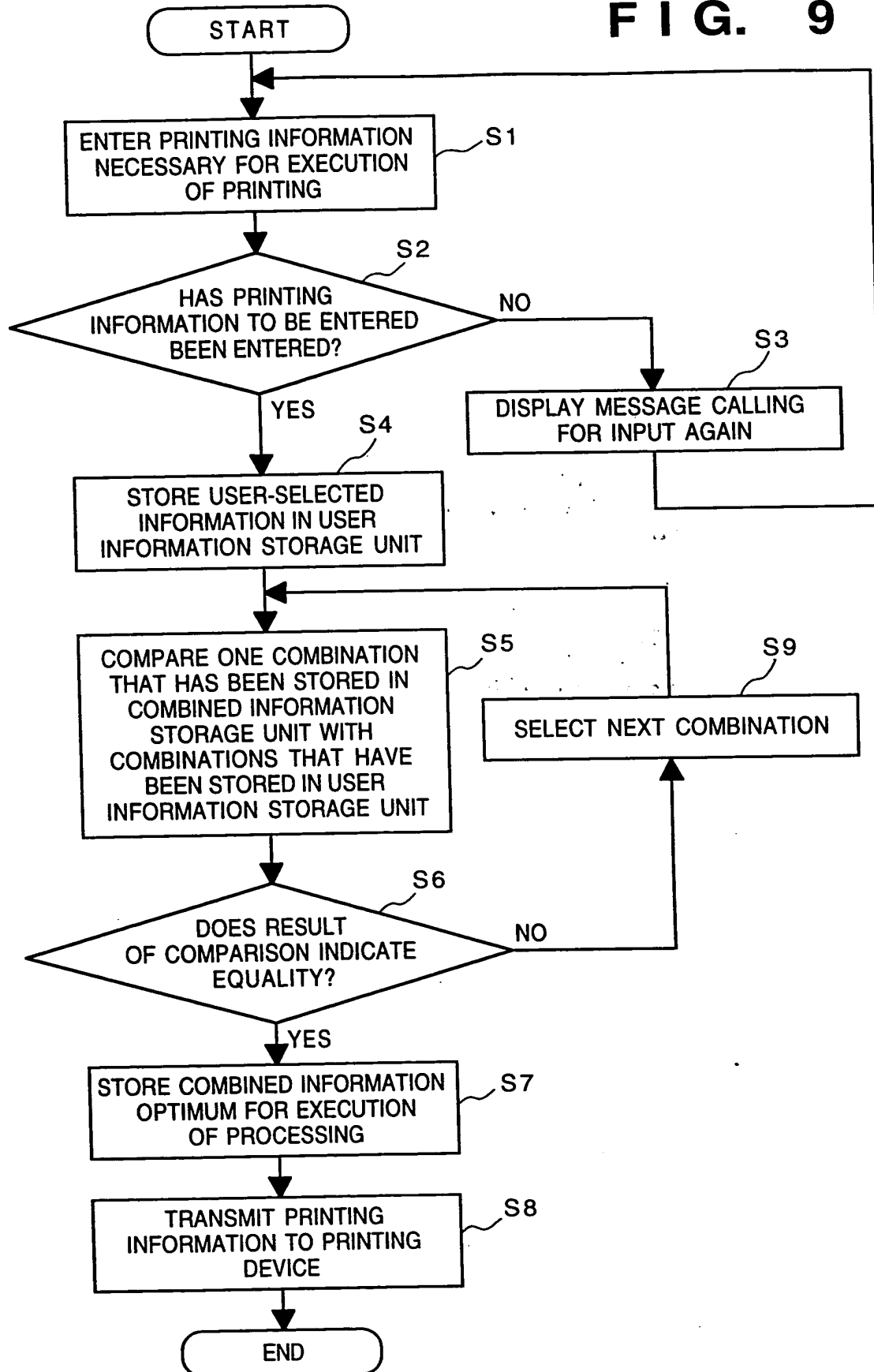


FIG. 10

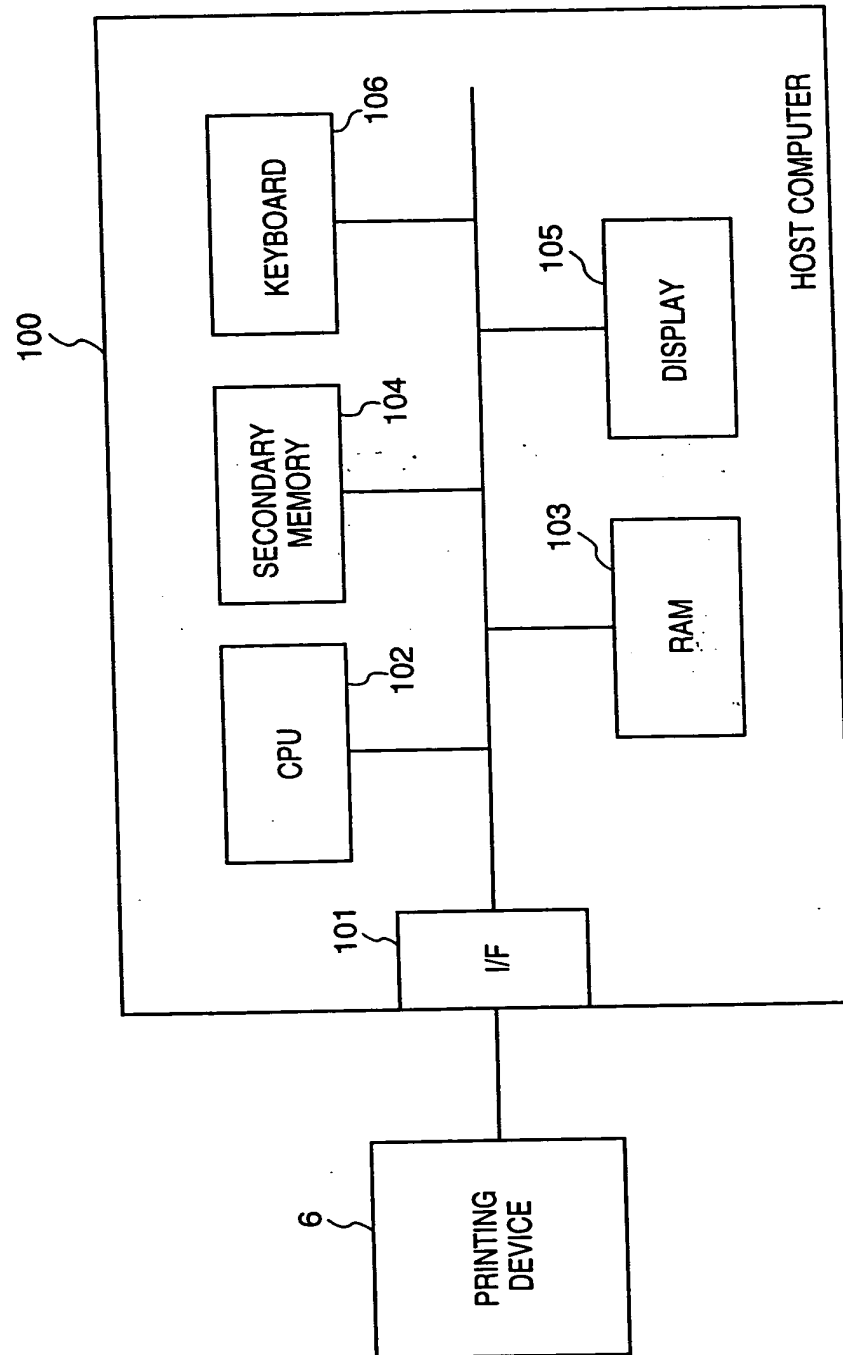


FIG. 11

DIRECTORY
⋮
CODE OF INPUT STEP
CODE OF COMPARISON STEP
CODE OF TRANSMISSION STEP

FIG. 12

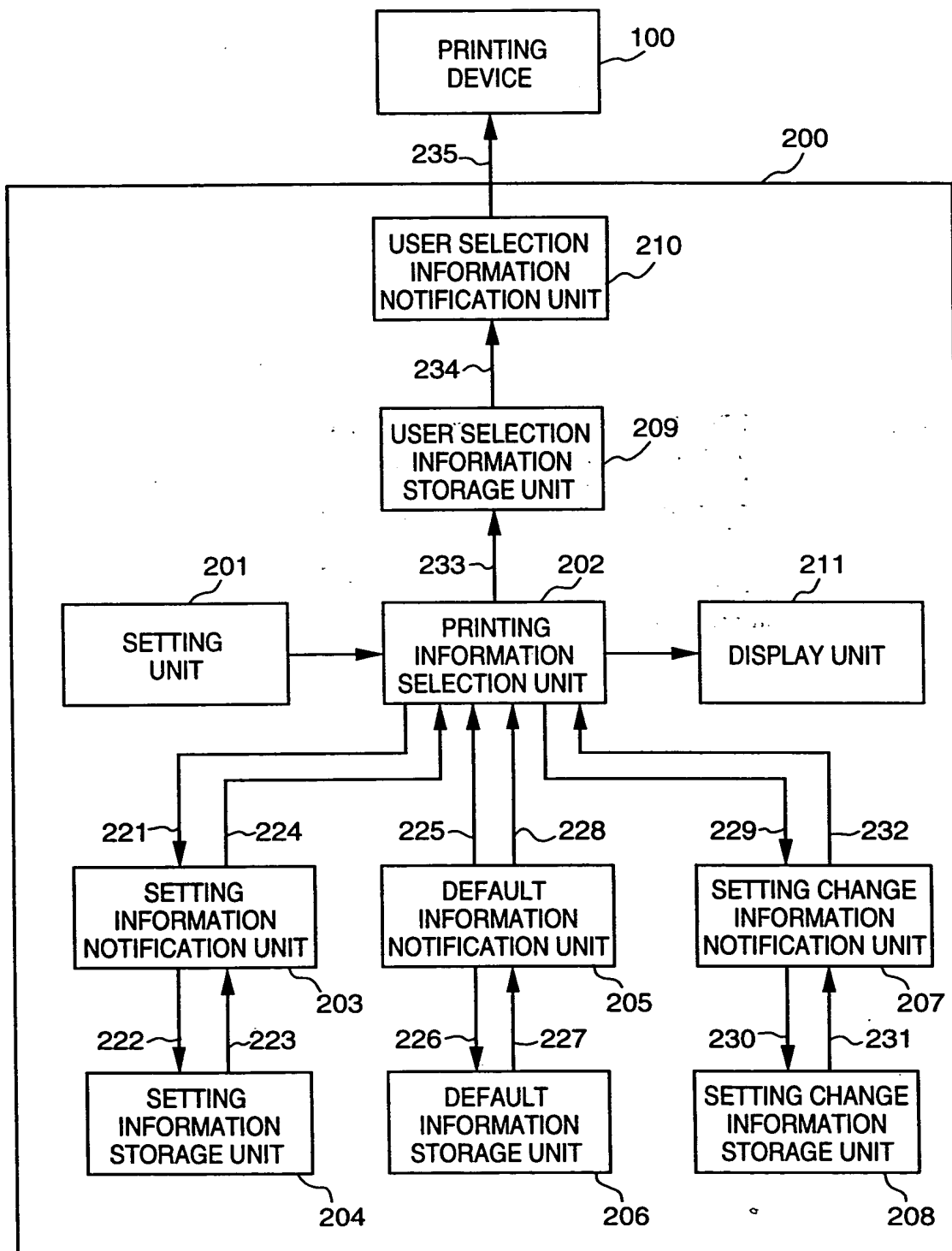


FIG. 13

MEDIA TYPE :	<div>PLAIN PAPER</div> <div>COATED PAPER</div> <div>OHP PAPER</div>	PRINTING QUALITY :	<div>HIGH-QUALITY PRINTING</div> <div>INTERMEDIATE-QUALITY PRINTING</div> <div>LOW-QUALITY PRINTING</div>
PAPER SIZE :	<div>A4</div> <div>A5</div> <div>B4</div> <div>B5</div> <div>POSTCARD</div>	PAPER FEED METHOD :	<div>AUTOMATIC SHEET FEEDER</div> <div>MANUAL INSERTION</div>
PRINTING COLOR :	<div>COLOR PRINTING</div> <div>MONOCHROME PRINTING</div>	<div>SELECT</div> <div>CANCEL</div>	

FIG. 14

MEDIA TYPE :	<div>PLAIN PAPER</div> <div>COATED PAPER</div> <div>OHP PAPER</div>	PRINTING QUALITY :	<div>HIGH-QUALITY PRINTING</div> <div>INTERMEDIATE-QUALITY PRINTING</div> <div>LOW-QUALITY PRINTING</div>
PAPER SIZE :	<div>A4</div> <div>A5</div> <div>B4</div> <div>B5</div> <div>POSTCARD</div>	PAPER FEED METHOD :	<div>AUTOMATIC SHEET FEEDER</div> <div>MANUAL INSERTION</div>
PRINTING COLOR :	<div>COLOR PRINTING</div> <div>MONOCHROME PRINTING</div>	<div>SELECT</div> <div>CANCEL</div>	

FIG. 15

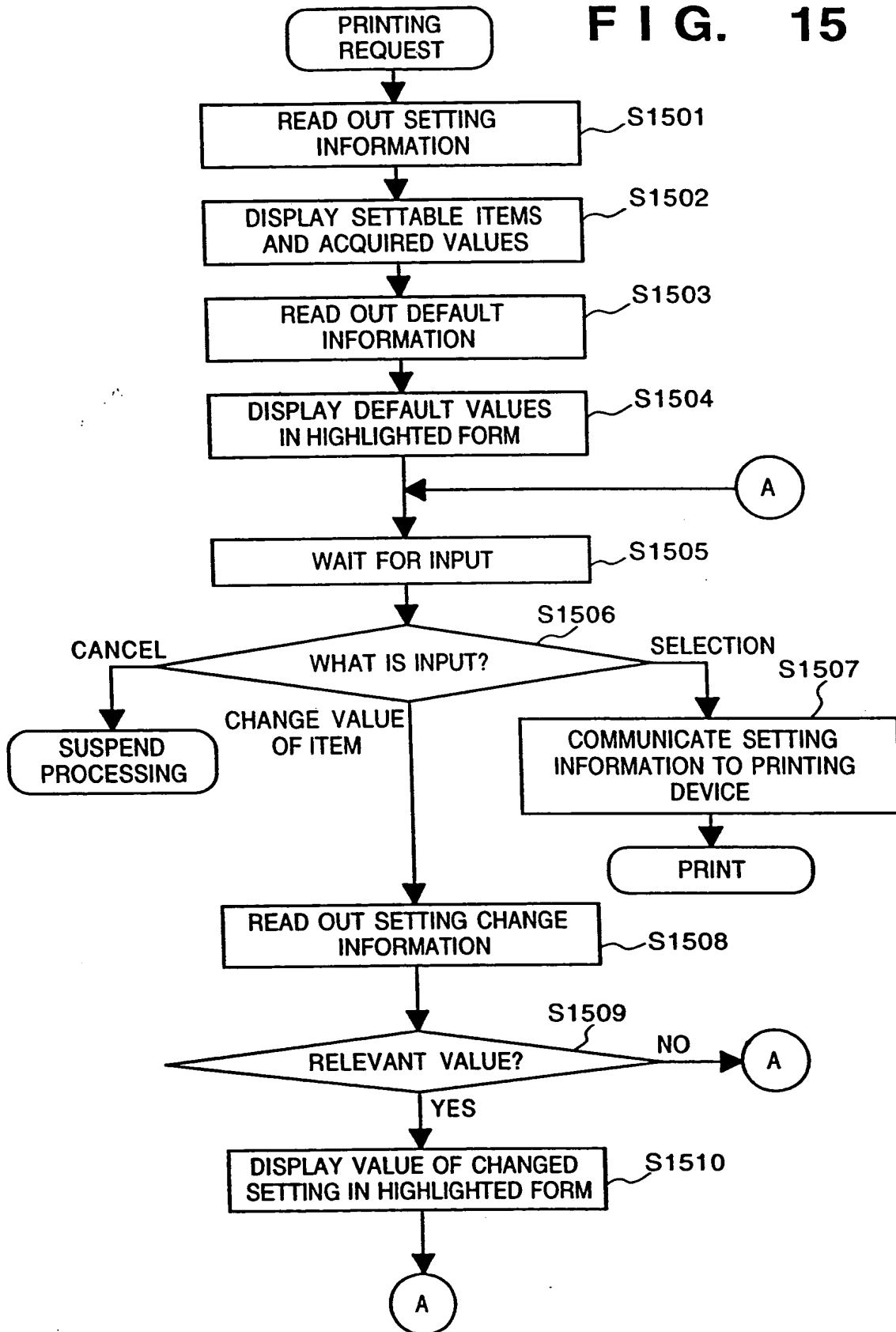


FIG. 16

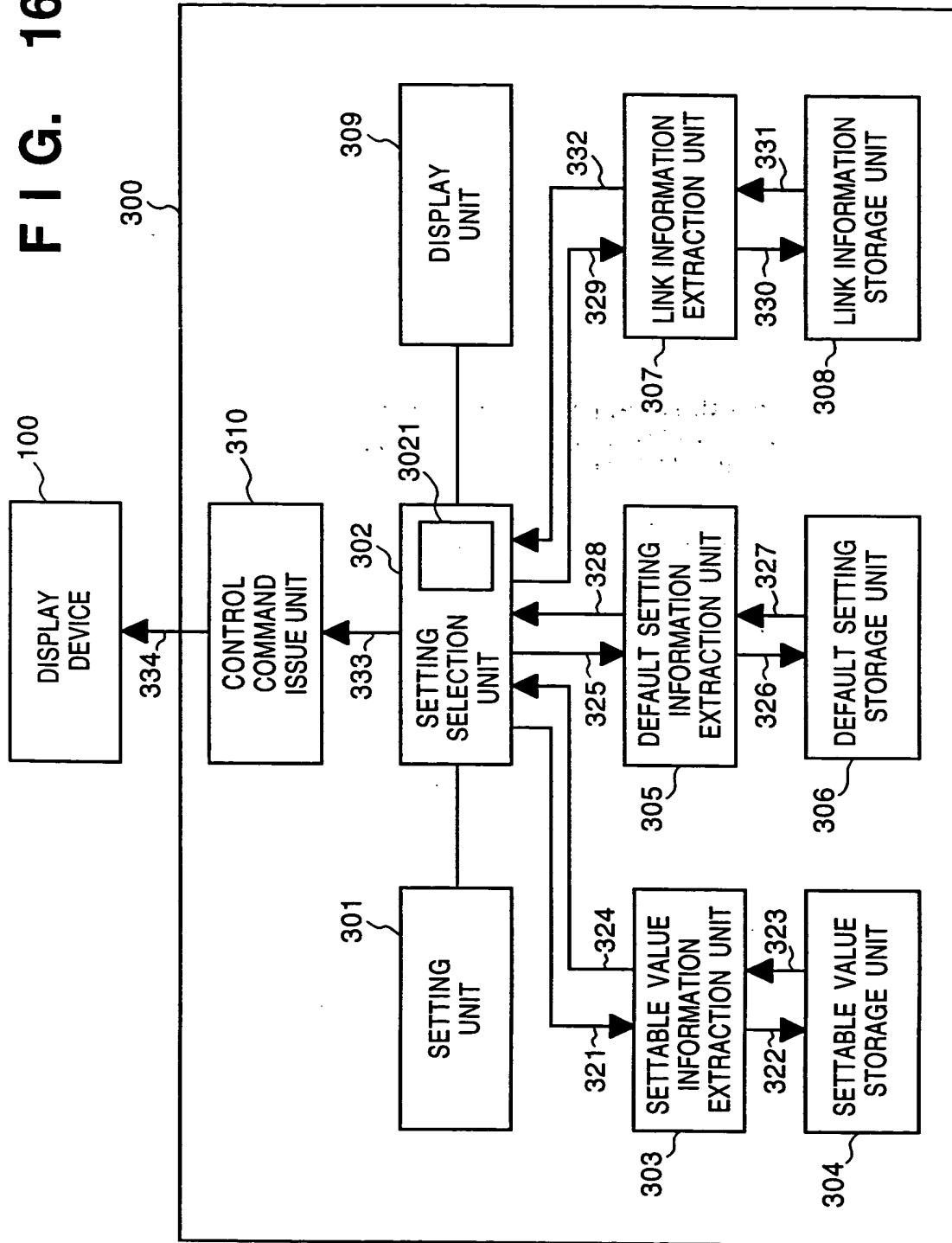


FIG. 17

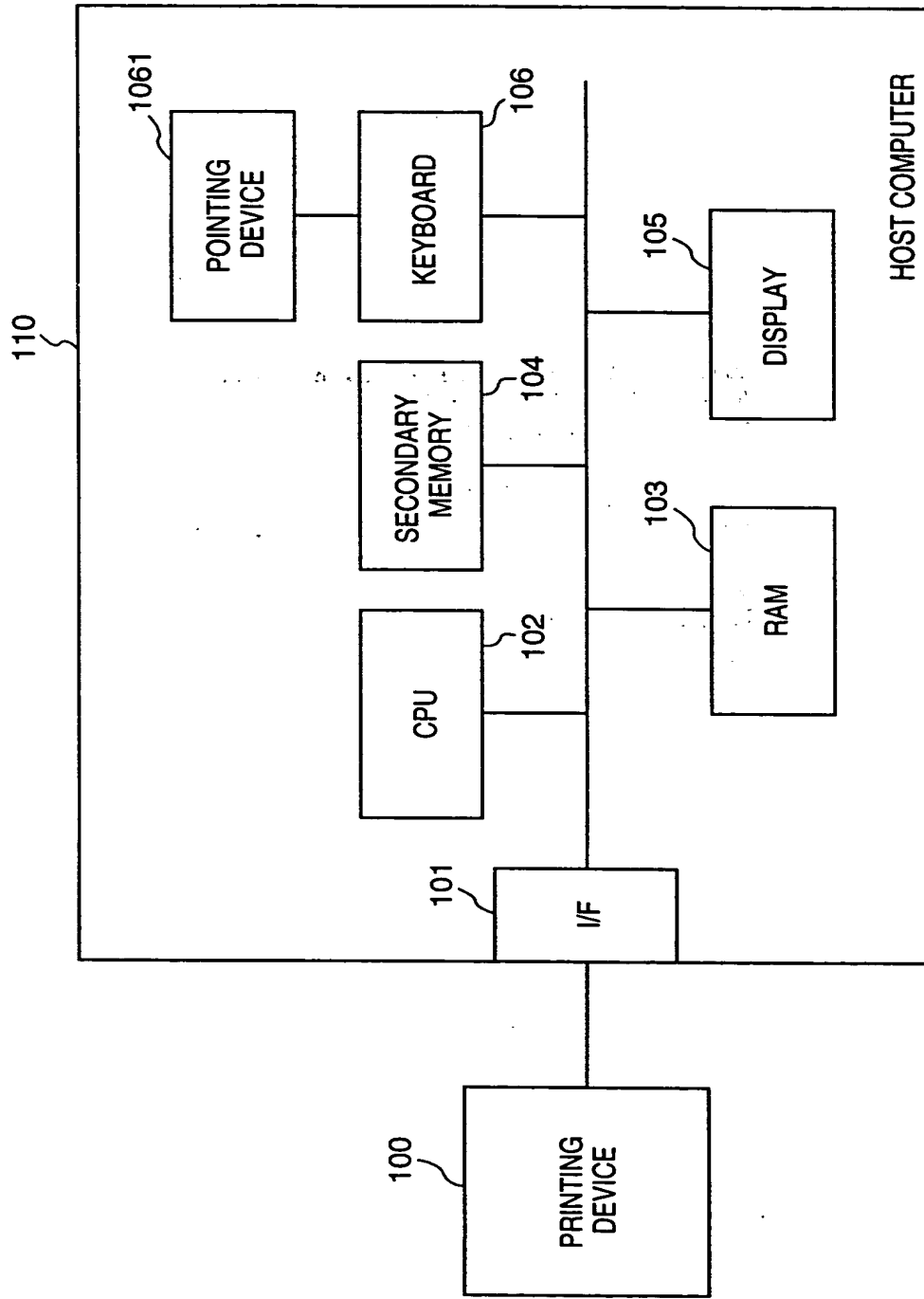


FIG. 18

SETTABLE ITEM	SETTING
PAPER SIZE	A5 A5 HORIZONTAL A4 POSTCARD ENVELOPE
PRINTING COLOR	COLOR MONOCHROME AUTOMATIC
MEDIA TYPE	PLAIN PAPER OHP FILM COATED PAPER BLACK PRINT FILM FABRIC THICK PAPER
PRINTING QUALITY	QUALITY 1 QUALITY 2 QUALITY 3 QUALITY 4 QUALITY 5
DITHER PROCESSING	AUTOMATIC SHEET FEEDER MANUAL INSERTION
COLOR INFORMATION PROCESSING	DITHER PATTERN ERROR DIFFUSION
PAPER FEED METHOD	COLOR PROCESSING ON COLOR PROCESSING OFF

FIG. 19

SETTING ITEM	SETTING
PAPER SIZE	A4
PRINTING COLOR	AUTOMATIC
MEDIA TYPE	PLAIN PAPER
PRINTING QUALITY	QUALITY 3
PAPER FEED METHOD	AUTOMATIC SHEET FEEDER
DITHER PROCESSING	DITHER PATTERN
COLOR PROCESSING INFORMATION	COLOR PROCESSING ON
RESOLUTION MESSAGE	360 × 360dpi
PRINTING MODE MESSAGE	HQ
SMOOTHING MESSAGE	OFF

FIG. 20

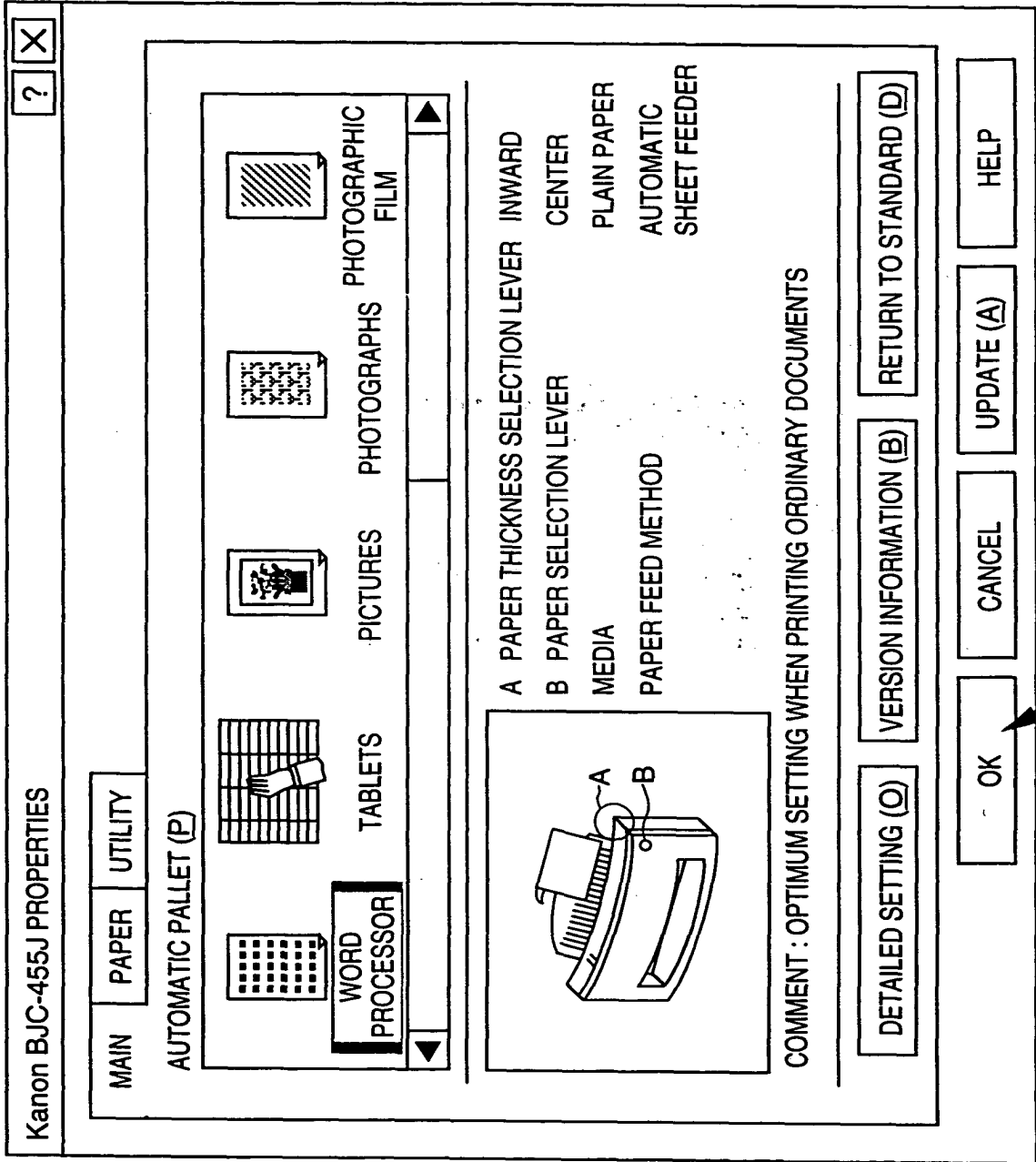


FIG. 21

Kanon BJC-455J PROPERTIES


?

X


MAIN

PAPER

UTILITY

 PAPER SIZE (Y)

A4 210 X 297mm

 PRINTER PAPER SIZE (O)

A4 210 X 297mm


☐ ENLARGE / REDUCE (S)

100 %

PRINTING METHOD

A

 VERTICAL (P)



☒ HORIZONTAL (L)

COLOR MODE

☒ COLOR ☐ MONOCHROME

RETURN TO STANDARD (D)

OK

CANCEL

UPDATE (A)

HELP

FIG. 22

☐ [WORD PROCESSOR] PROPERTIES

?

X

QUALITY

COLOR SETTING

SETTING REGISTRATION

PRINTING QUALITY (Q)

RESOLUTION 360 x 360dpi

PRINTING MODE HQ

a

a

HIGH SPEED

HIGH QUALITY

PAPER FEED METHOD (F)

AUTOMATIC SHEET FEEDER

MEDIA (M)

PLAIN PAPER

DITHER SETTING

☐ AUTOMATIC SETTING (E)

PATTERN (HIGH SPEED)

PATTERN

ERROR DIFFUSION

CARTRIDGE SELECTION

NORMAL CARTRIDGE

RETURN TO STANDARD (D)

OK

CANCEL

UPDATE (A)

HELP

FIG. 24

?

X

Kanion BJC-455J PROPERTIES

MAIN

PAPER

UTILITY

AUTOMATIC PALLET (P)

WORD PROCESSOR

TABLETS

PICTURES

PHOTOGRAPHS

PHOTOGRAPHIC FILM

A PAPER THICKNESS SELECTION LEVER OUTWARD

B PAPER SELECTION LEVER

MEDIA

PAPER FEED METHOD

CENTER

HIGH-GLOSS FILM

MANUAL INSERTION

COMMENT : OPTIMUM SETTING WHEN PRINTING ORDINARY PHOTOGRAPHS.
USE HIGH-GLOSS FILM (OR OHP) FOR ATTRACTIVE PRINTING.

DETAILED SETTING (O)

VERSION INFORMATION (B)

RETURN TO STANDARD (D)

OK

CANCEL

UPDATE (A)

HELP

FIG. 27

☐ [PHOTOGRAPHIC FILM] PROPERTIES

QUALITY

COLOR SETTING

SETTING REGISTRATION

PRINTING QUALITY (Q)

HIGH SPEED

HIGH QUALITY

RESOLUTION

720 × 360dpi

PRINTING MODE

FINE

PAPER FEED METHOD (F)

MANUAL INSERTION

MEDIA (M)

HIGH-GLOSS FILM

HIGH-GLOSS FILM

COATED PAPER

DITHER SETTING

☐

PATTERN (HIGH SPEED)

PATTERN

ERROR DIFFUSION

CARTRIDGE SELECTION

NORMAL CARTRIDGE

RETURN TO STANDARD (D)

OK

CANCEL

UPDATE (A)

HELP

FIG. 28

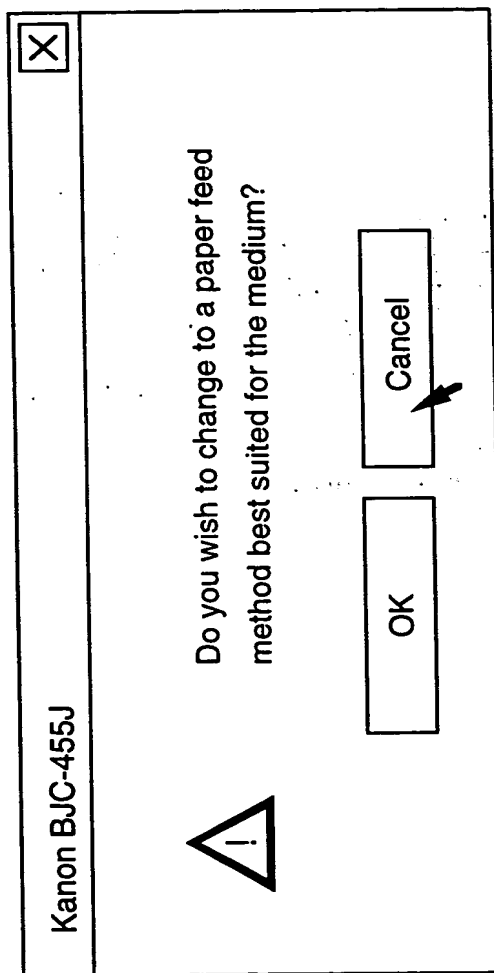


FIG. 29

☐ [PHOTOGRAPHIC FILM (UPDATED)] PROPERTIES

?

X

QUALITY

COLOR SETTING

SETTING REGISTRATION

PRINTING QUALITY (Q)

a

720 × 360dpi

PRINTING MODE FINE

a

HIGH QUALITY

HIGH SPEED

HIGH QUALITY

PAPER FEED METHOD (F)

AUTOMATIC SHEET FEEDER

MEDIA (M)

COATED PAPER

DITHER SETTING

☐ AUTOMATIC SETTING (E)

PATTERN (HIGH SPEED)

PATTERN

ERROR DIFFUSION

CARTRIDGE SELECTION

NORMAL CARTRIDGE

RETURN TO STANDARD (D)

OK

CANCEL

UPDATE (A)

HELP

FIG. 31

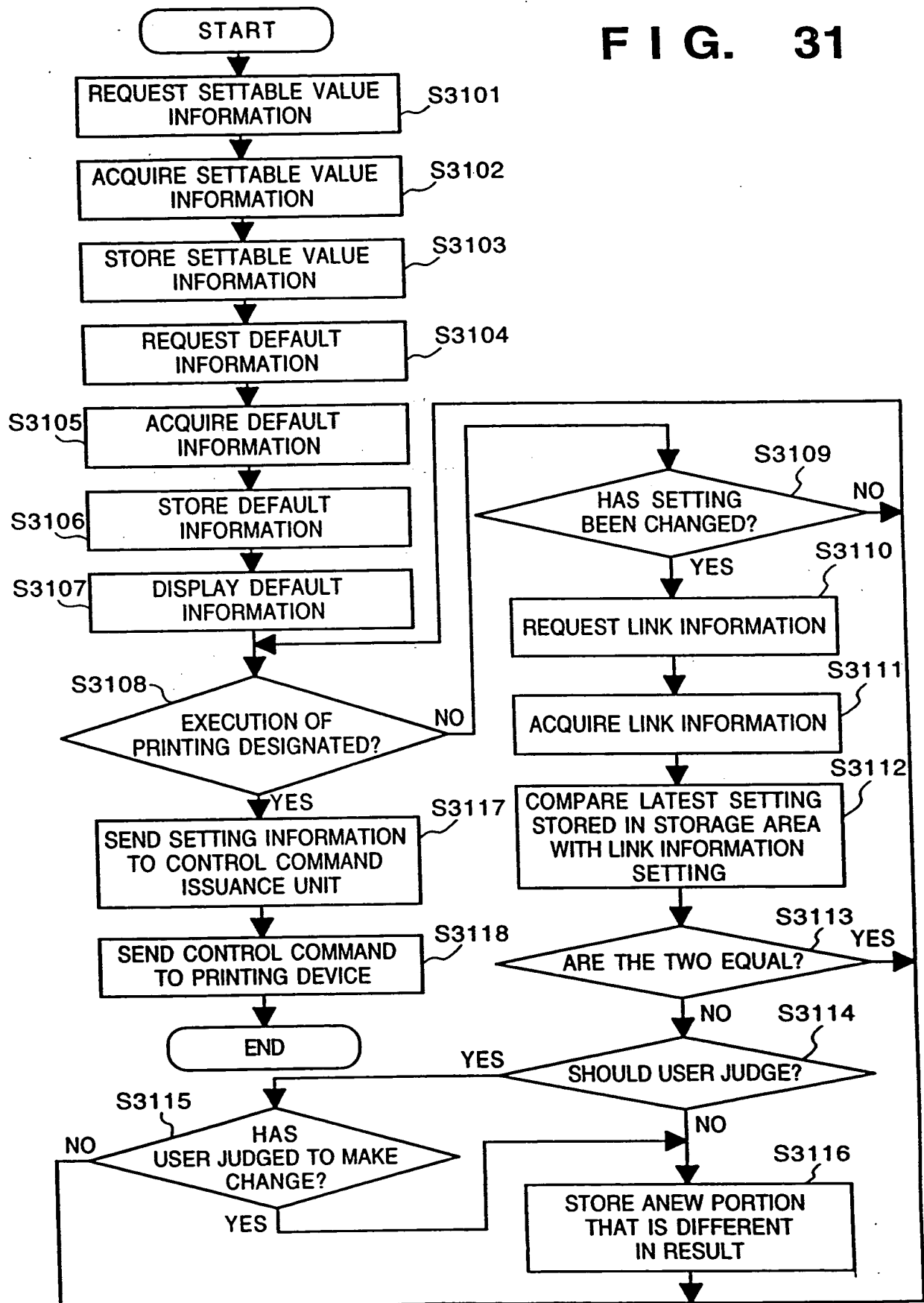


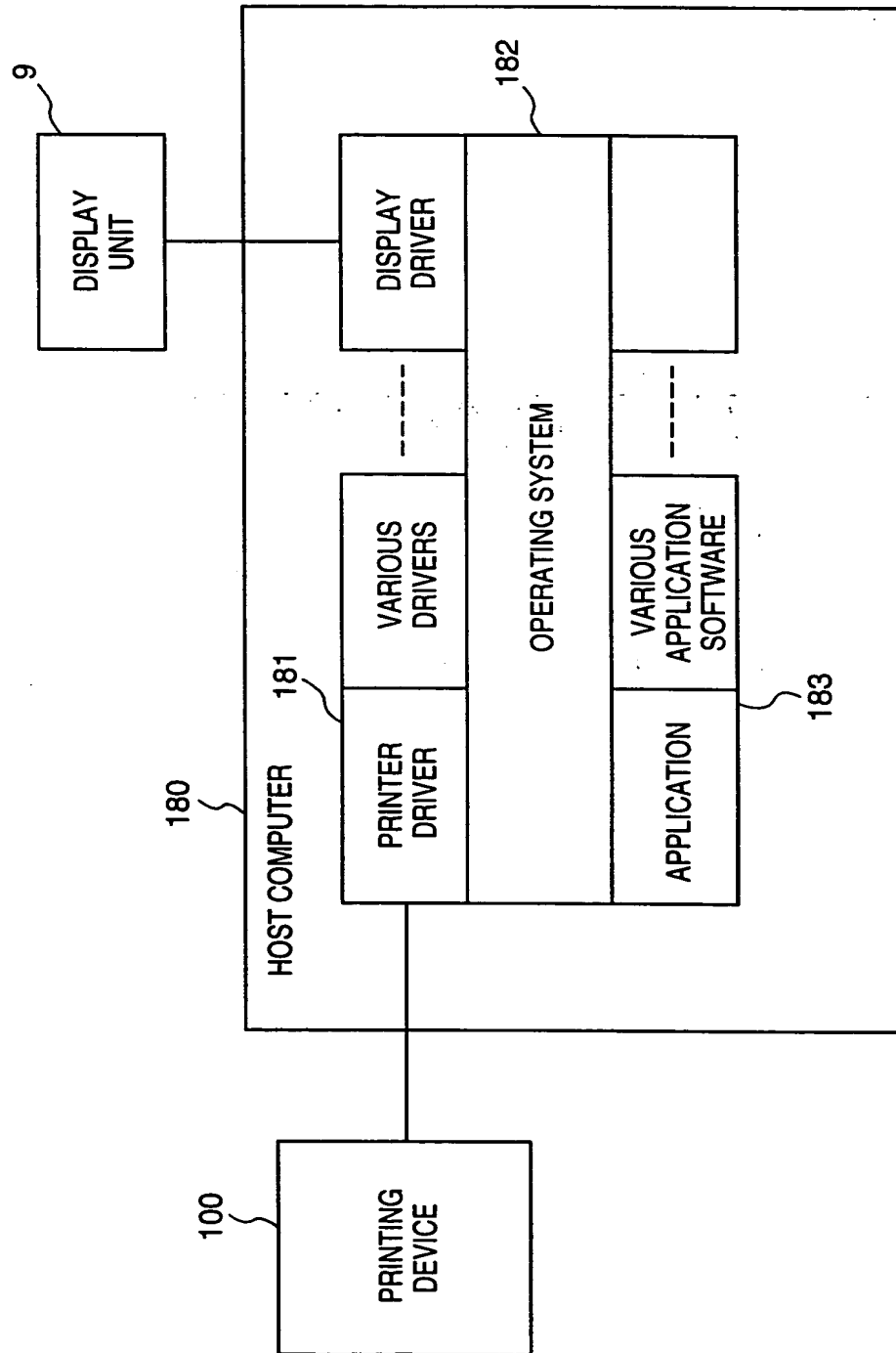
FIG. 32

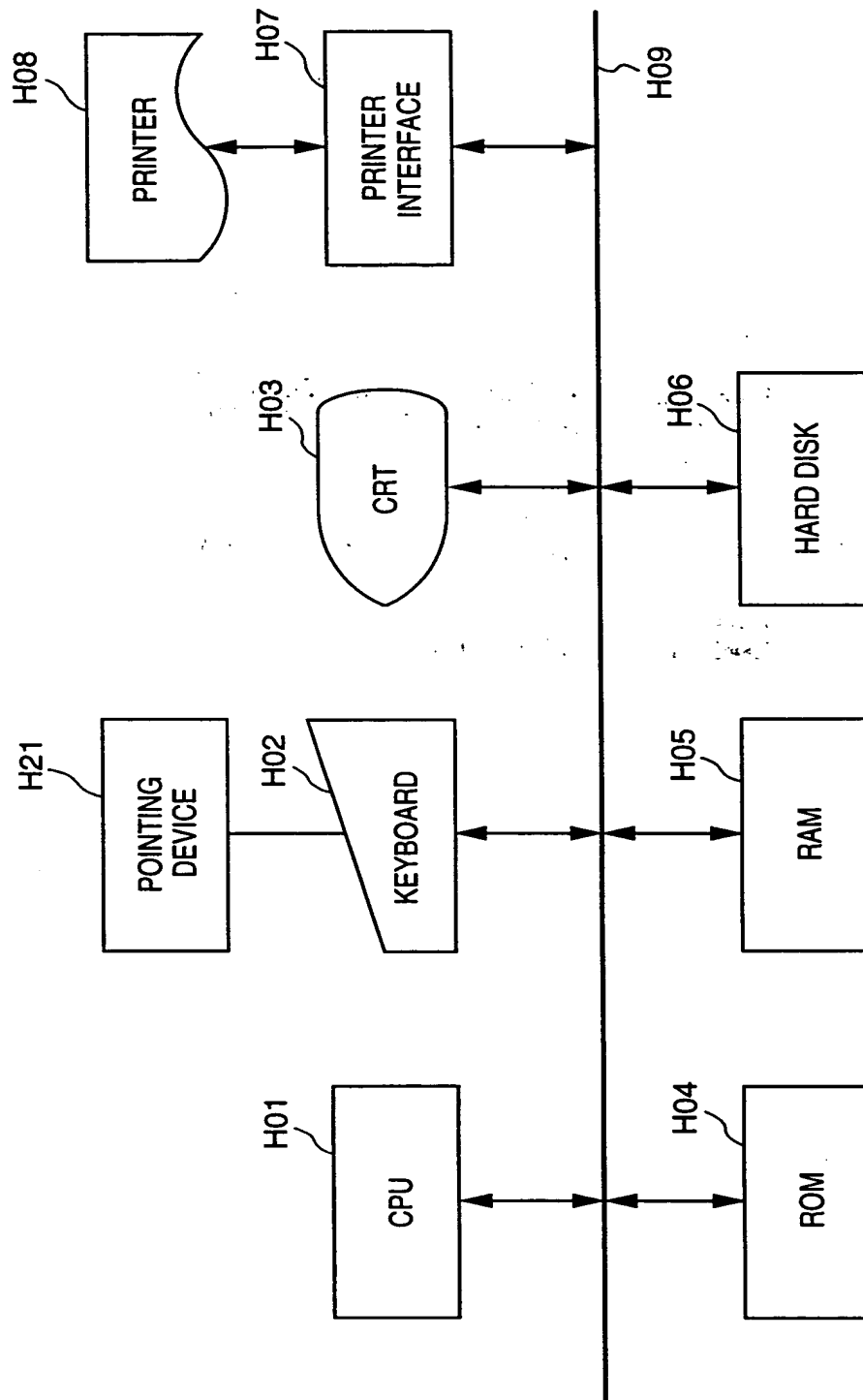
FIG. 33

FIG. 34


Kanon BJC-4550		Version 1.0	
Copies : 	Pages : <input checked="" type="radio"/> A11	<input type="radio"/> From <input type="text"/>	To <input type="text"/>
Print Quality :	<input type="text" value="Normal"/> ▼		
Cartridge :	<input type="text" value="Color"/> ▼		
Paper Feed :	<input type="text" value="Automatic"/> ▼		
Destination	<input type="text" value="Printer"/> ▼		
		<input type="checkbox"/> Reverse Order	<input type="checkbox"/> Collate Copies
<input type="button" value="Print"/>		<input type="button" value="Cancel"/>	<input type="button" value="Color..."/>
		<input type="button" value="Save"/>	<input type="button" value="Default"/>

FIG. 35

Monochrome
✓ Color
Photo Color

FIG. 36


	<p>BJC-4550 Error number : D12 Color BJ cartridge is not installed. Please replace the black BJ cartridge with a color BJ cartridge</p>
<div><div>Continue</div><div>Stop</div></div>	

FIG. 37

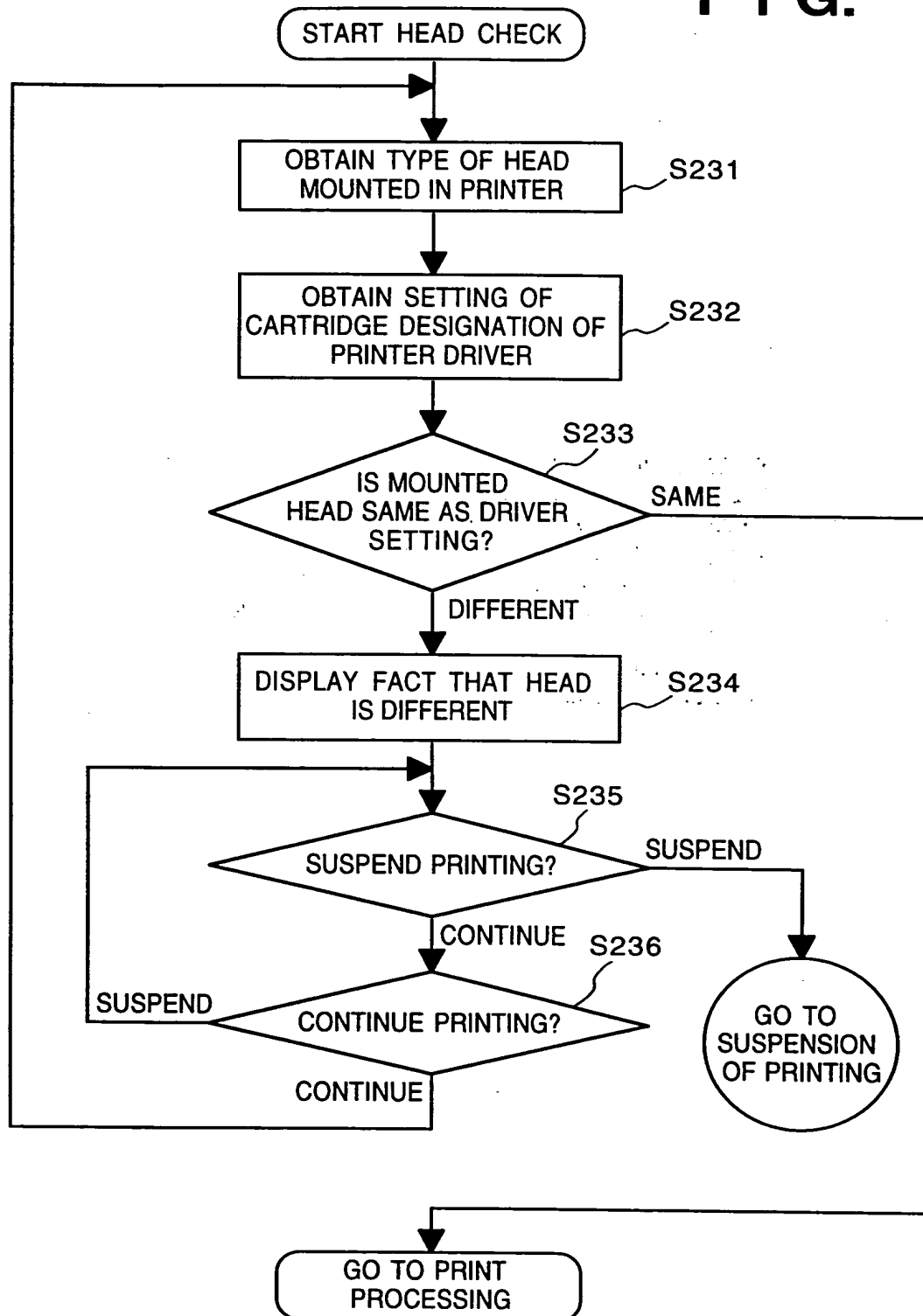


FIG. 39


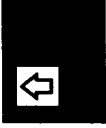
Kanon BJC-4550

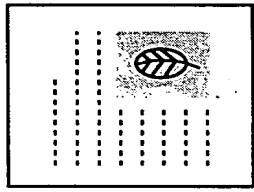
Version 1.0

Paper Size : Letter ▼

Paper Type : Print Quality : ▼

Scale : 100 % ▼

Orientation :  



Width : 8.50inch Height : 11.00inch

OK Cancel Custom Utilities... Save Default

FIG. 40

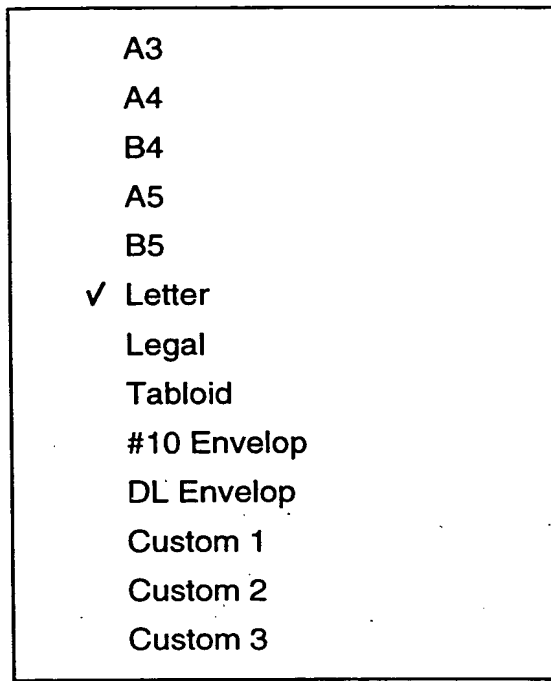


FIG. 41

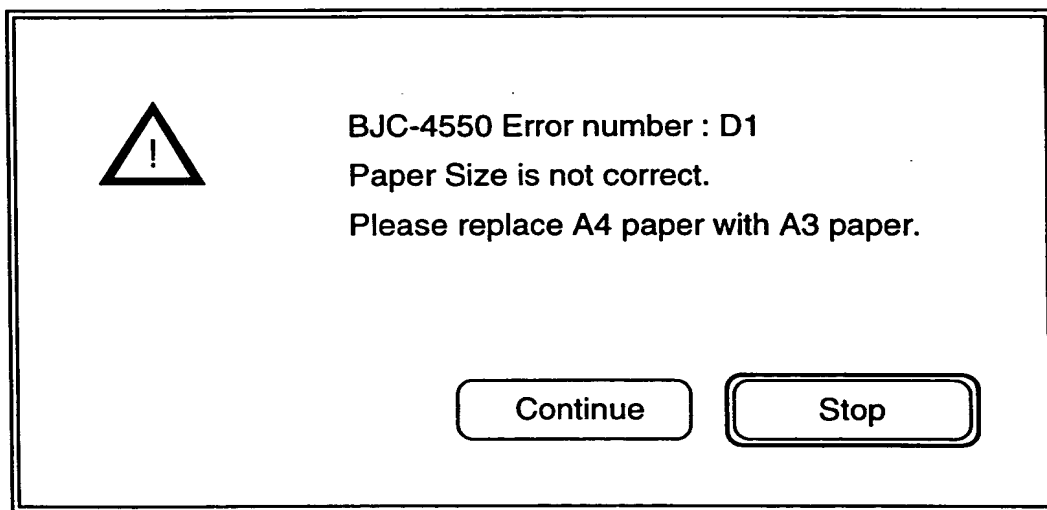


FIG. 42

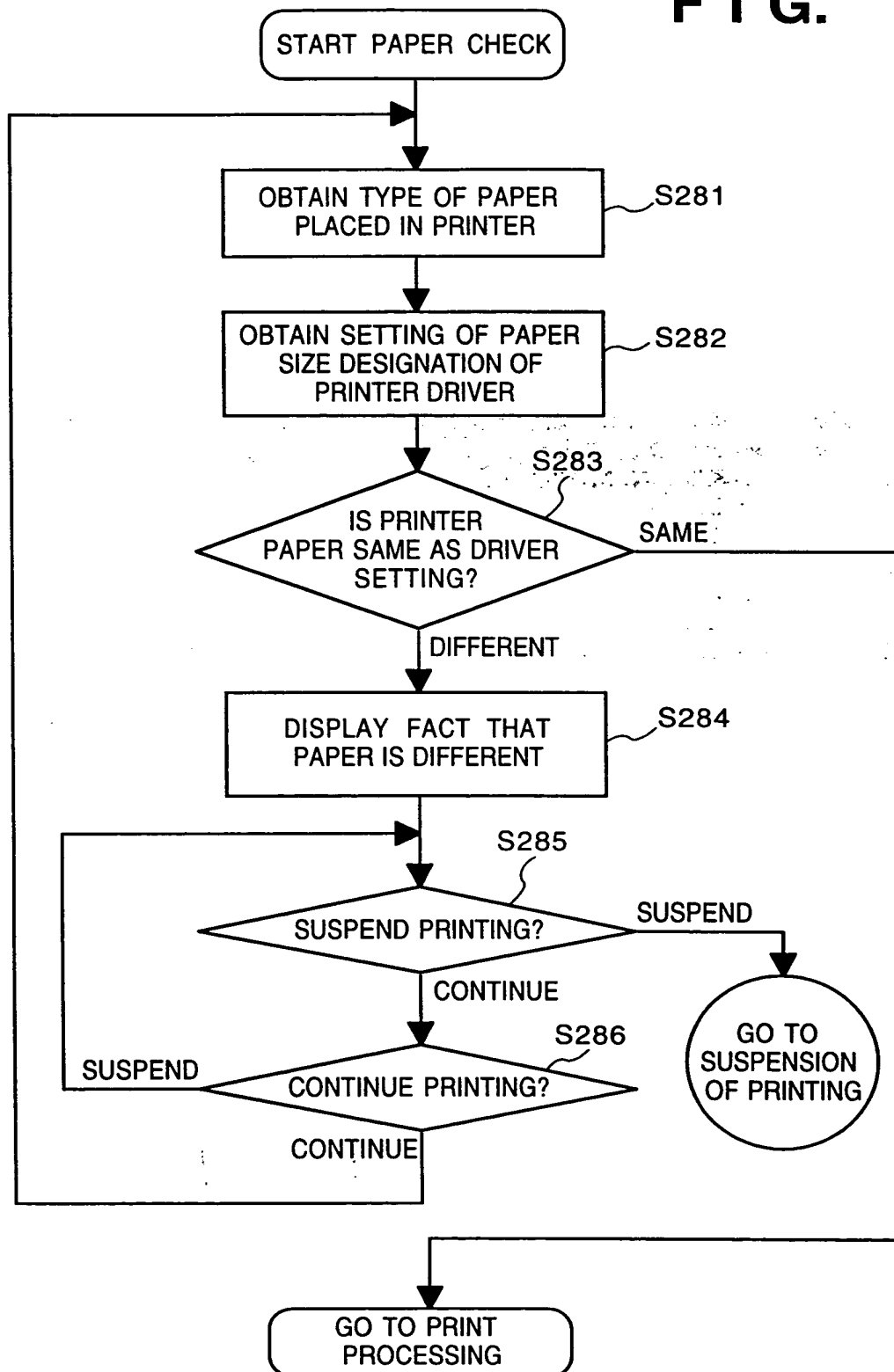


FIG. 43

Kanon BJC-4550

Version 1.0

Copies : 1

Pages : ☒ A11 ☐ From To

Print Quality : Normal ▼

Cartridge : Color ▼

Paper Feed : Automatic ▼ ☐ Reverse Order

Destination : Printer ▼ ☐ Collate Copies

Print

Cancel

Color...

Save

Default

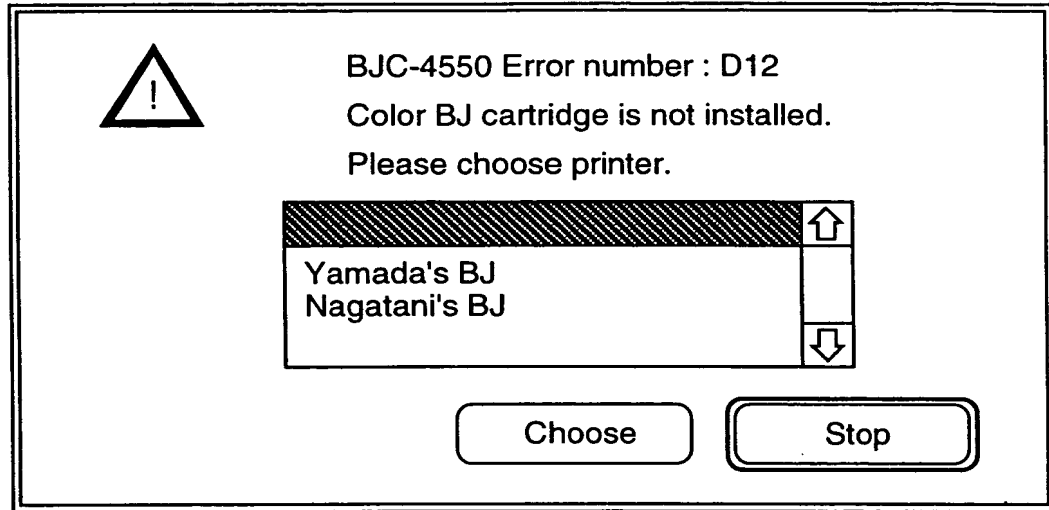
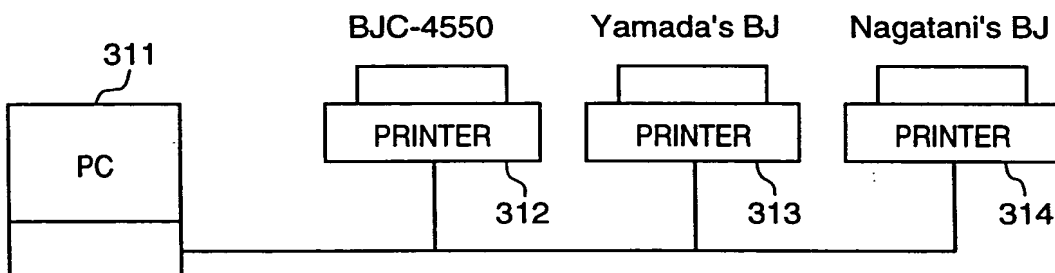
FIG. 44**FIG. 45**

FIG. 46

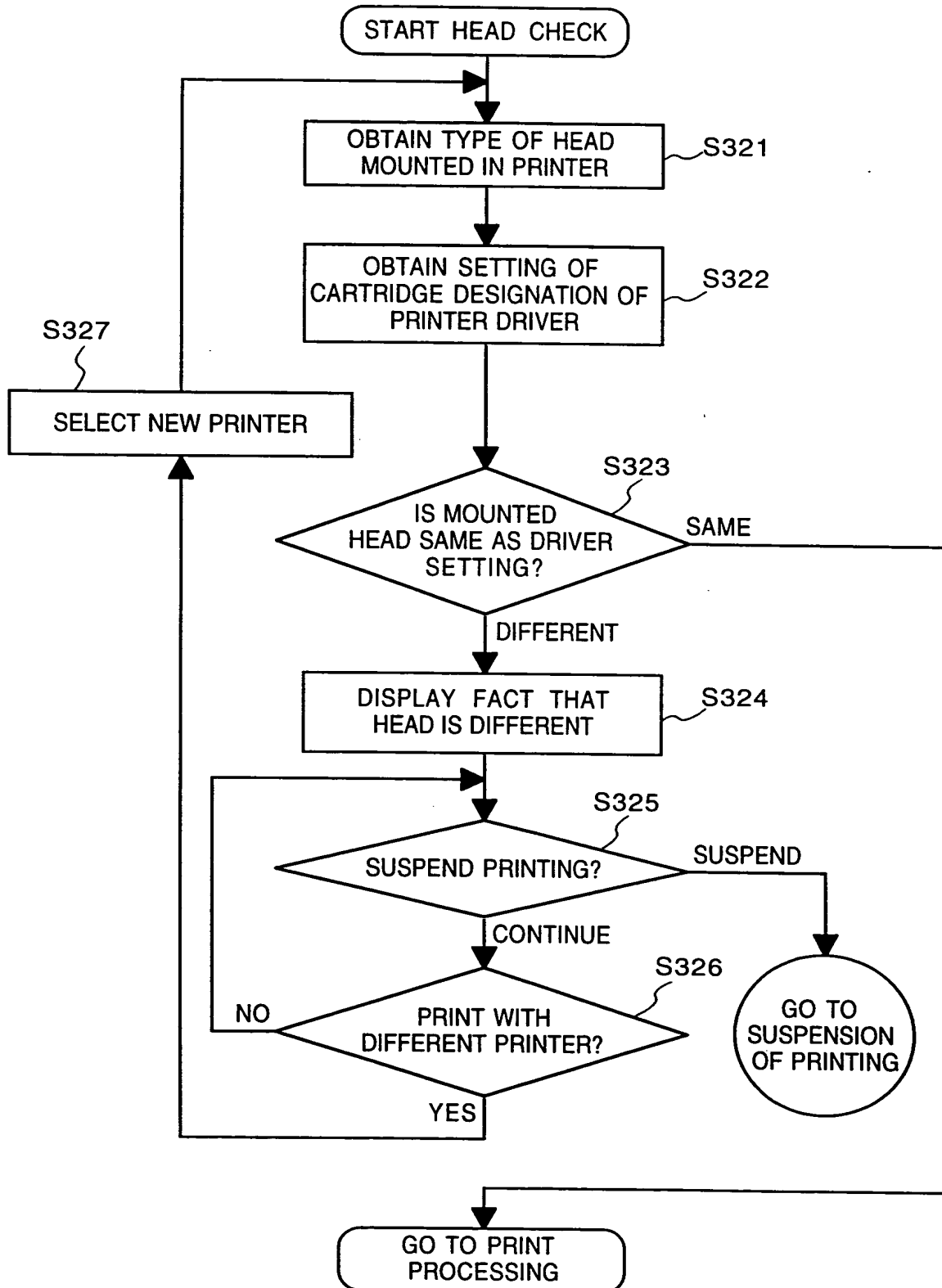


FIG. 47


Kanon BJC-4550		Version 1.0	
Copies : 	Pages : <input checked="" type="radio"/> A11	<input type="radio"/> From	To <input type="text"/>
Print Quality :	<input type="text" value="Normal"/>	<input type="button" value="Print"/>	
Cartridge :	<input type="text" value="Color"/>	<input type="button" value="Cancel"/>	<input data-bbox="865 474 930 695" type="button" value="Color..."/>
Paper Feed :	<input type="text" value="Automatic"/>	<input type="button" value="Save"/>	<input data-bbox="1089 474 1154 695" type="button" value="Default"/>
Destination	<input type="text" value="Printer"/>	<input type="checkbox"/> Reverse Order	<input type="checkbox"/> Collate Copies

FIG. 48

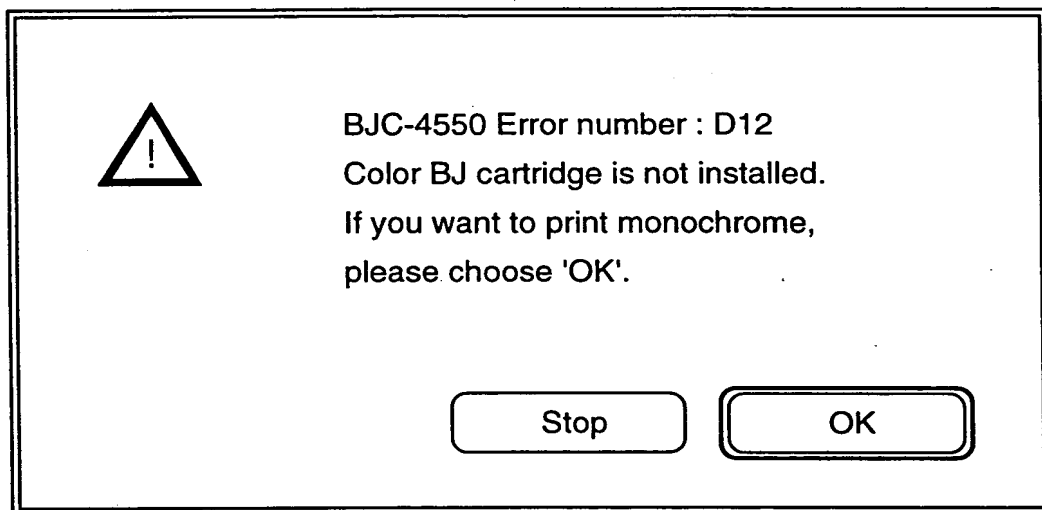


FIG. 49

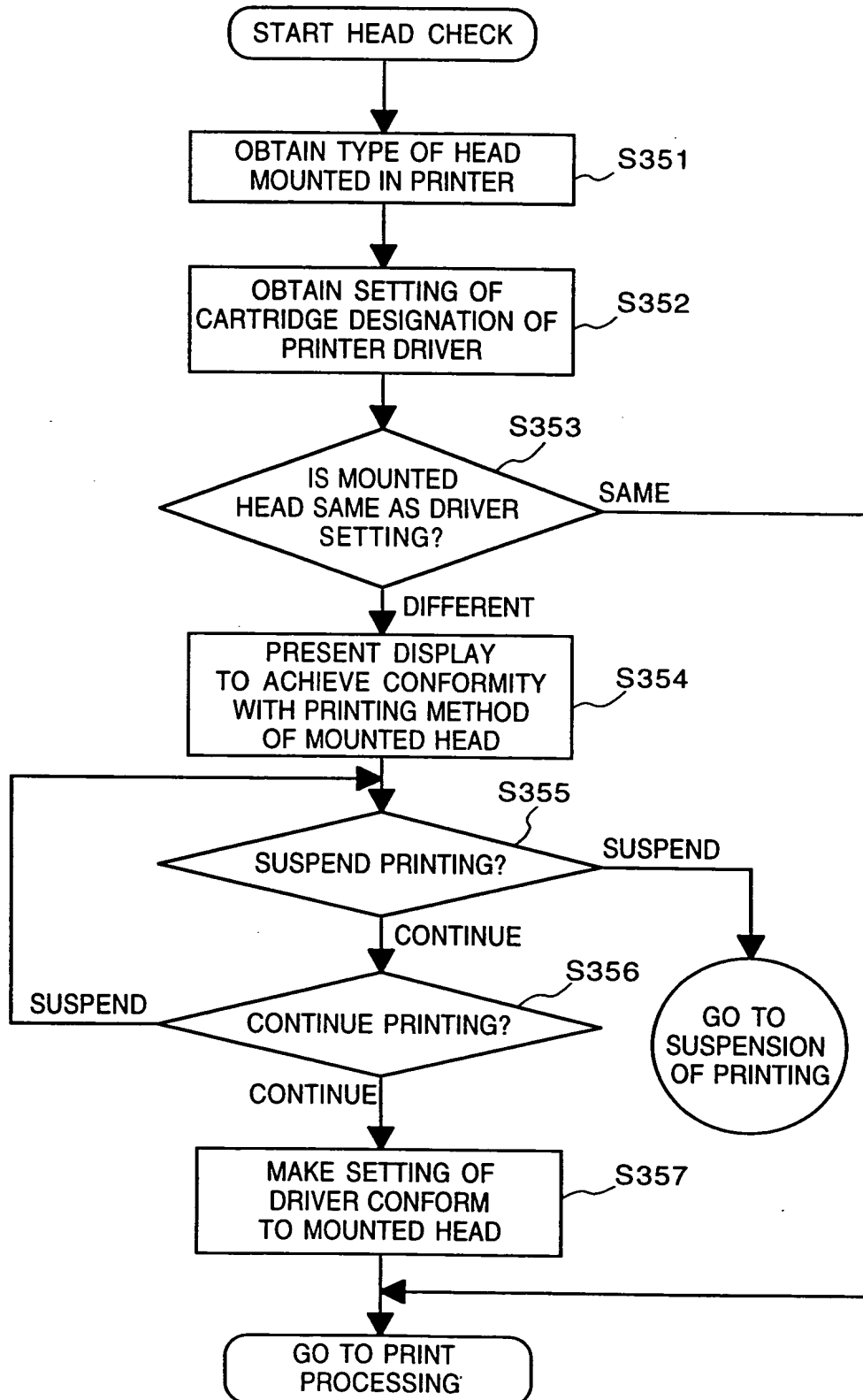


FIG. 50


Kan-on BJC-4550		Version 1.0	
Copies : 	Pages : <input checked="" type="radio"/> A11	<input type="radio"/> From <input type="text"/>	To <input type="text"/>
Print Quality :	Normal ▼		
Cartridge :	Color ▼		
Paper Feed :	Automatic ▼	<input type="checkbox"/> Reverse Order	
Destination	Printer ▼	<input type="checkbox"/> Collate Copies	
		Print	
		Cancel	
		Color...	
		Save	
		Default	

FIG. 51

Monochrome
<input checked="" type="checkbox"/> Color
Photo Color

FIG. 52

<input checked="" type="checkbox"/> Monochrome
Color
Photo Color

FIG. 53

Monochrome
Color
<input checked="" type="checkbox"/> Photo Color

FIG. 54

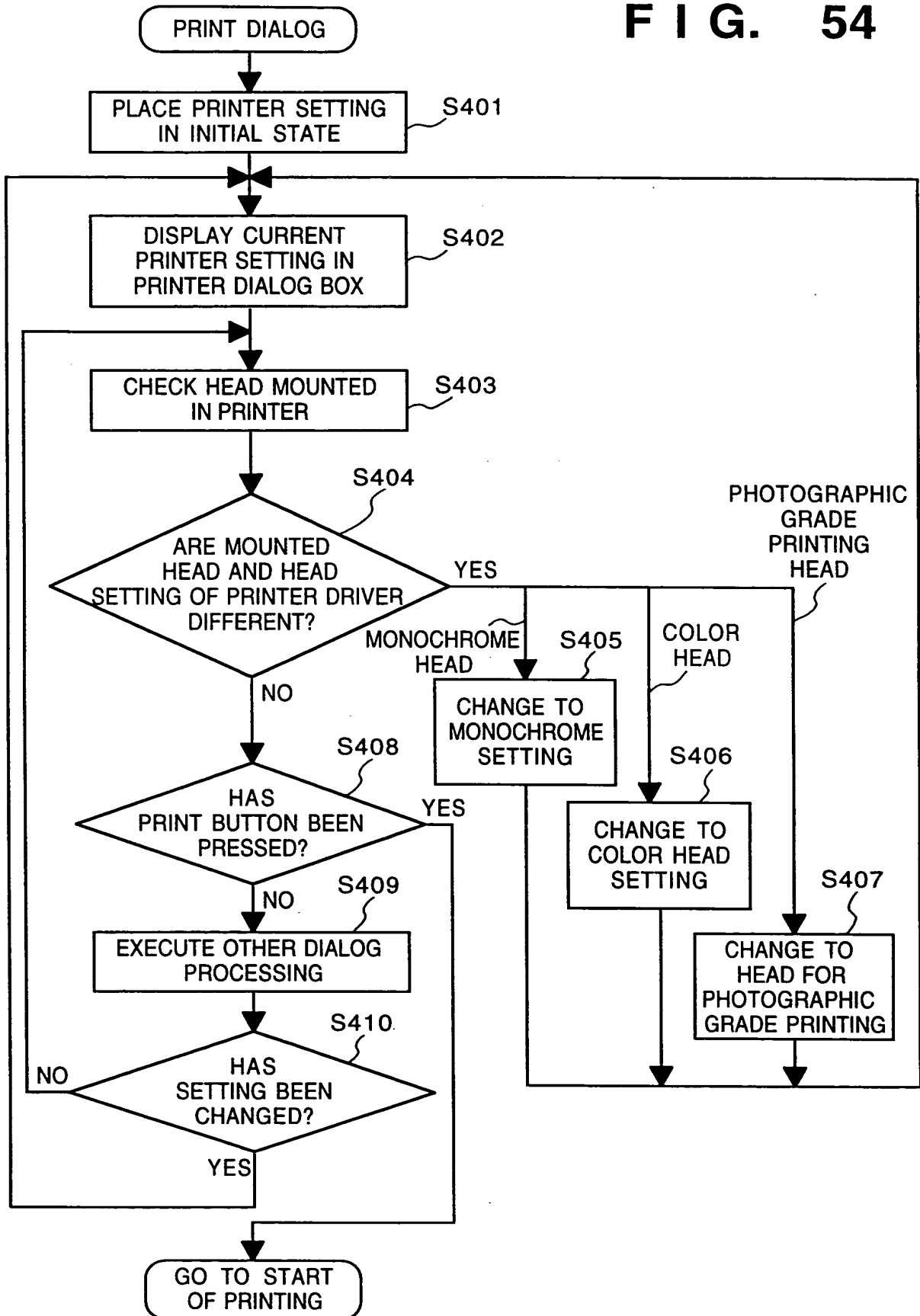


FIG. 56

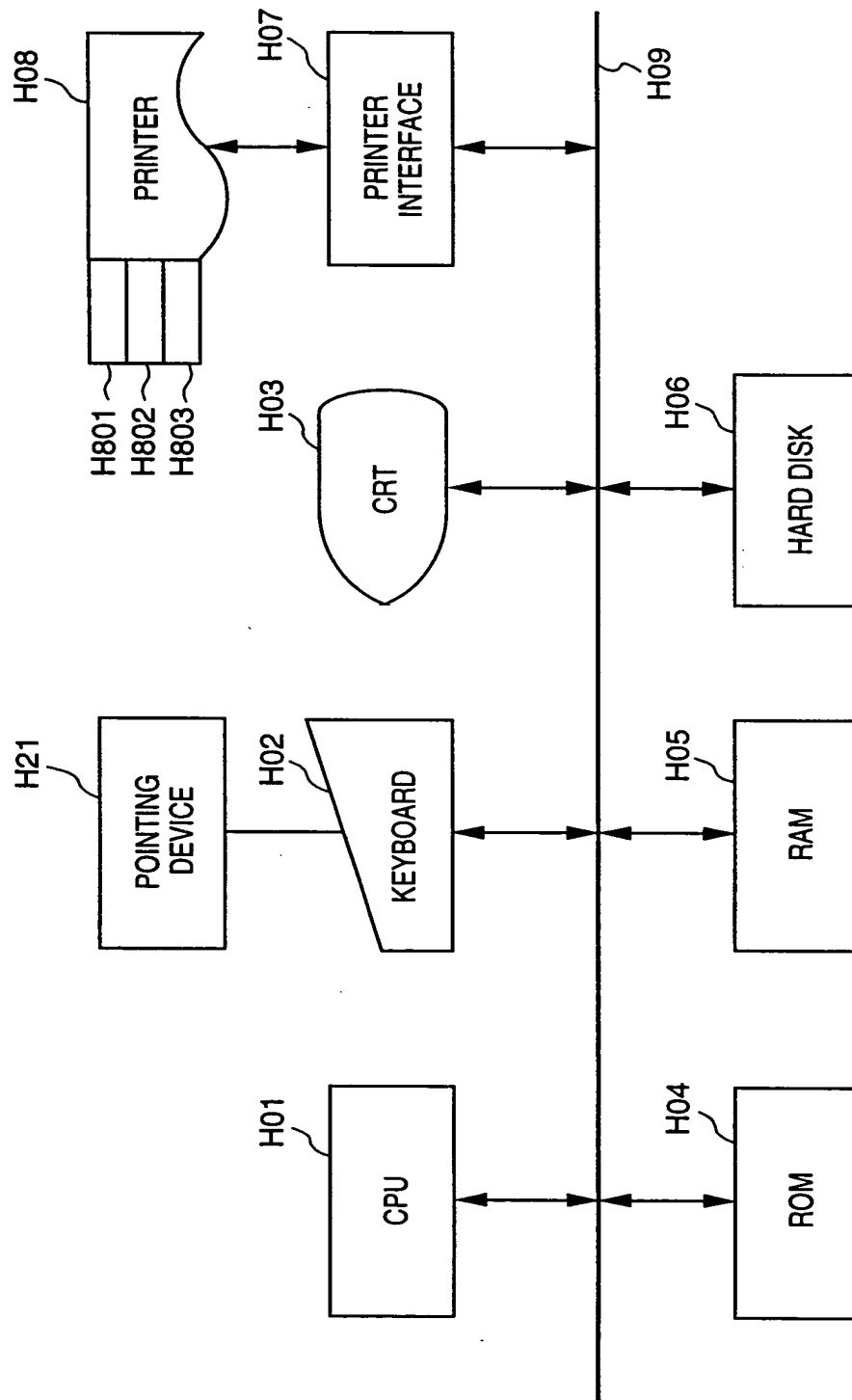


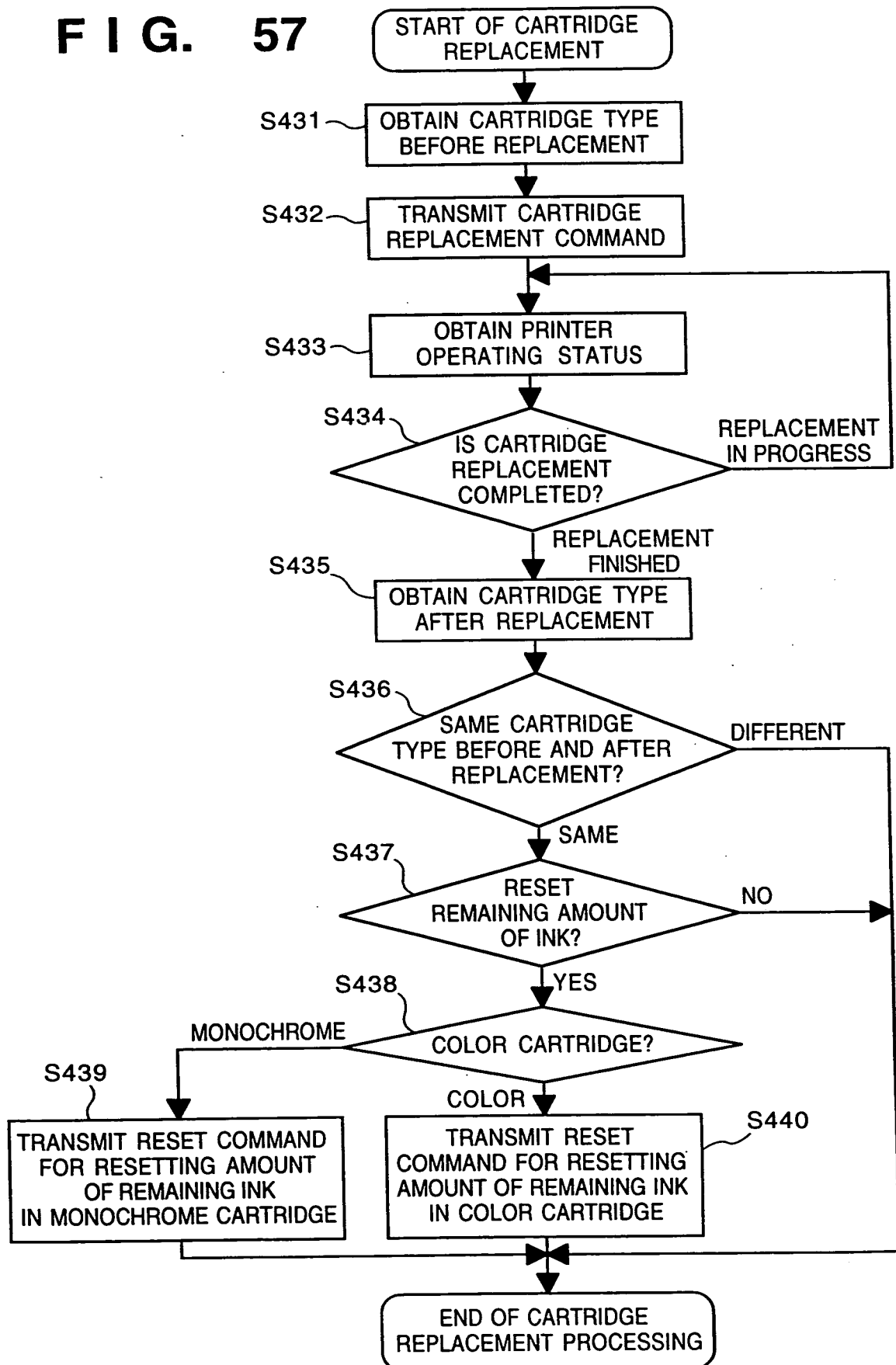
FIG. 57

FIG. 58


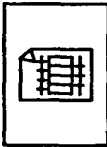
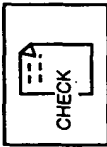



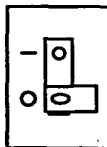
Kanon BJC-5550J UTILITY		Version 1.0
CLEANING		<p>I/F TIME OUT :</p> <p>10 SECONDS ▼</p> <p>INITIAL VALUE</p> <p>SET</p> <p>END</p>
TEST PRINT	 	
INK REPLACEMENT	 	
CARTRIDGE REPLACEMENT		
POWER OFF		

FIG. 59



Press cartridge button on printer after
BJ cartridge is replaced.

FIG. 60



Do you wish to reset remaining amount of ink?
Reset when new BJ cartridge has been installed.

Cancel

OK

FIG. 61

DIRECTORY
CODE OF INPUT STEP
CODE OF READOUT STEP
CODE OF SETTING STEP
CODE OF LATEST VALUE STORAGE STEP

FIG. 62

DIRECTORY
CODE OF SETTING STEP
CODE OF SETTING ACQUISITION STEP
CODE OF COMPARISON STEP
CODE OF DISPLAY STEP

FIG. 63

DIRECTORY
CODE OF SETTING STEP
CODE OF SETTING ACQUISITION STEP
CODE OF COMPARISON STEP
CODE OF RE-SETTING STEP

FIG. 64
(PRIOR ART)

MEDIA TYPE :	PLAIN PAPER COATED PAPER OHP PAPER	PRINTING QUALITY :	HIGH-QUALITY PRINTING INTERMEDIATE-QUALITY PRINTING LOW-QUALITY PRINTING
PAPER SIZE :	A4 A5 B4 B5 POSTCARD	PAPER FEED METHOD :	AUTOMATIC SHEET FEEDER MANUAL INSERTION
PRINTING COLOR :	COLOR PRINTING MONOCHROME PRINTING	SELECT CANCEL	

FIG. 65
(PRIOR ART)

PAPER SIZE	PAPER FEED METHOD
A4 A5 A5 HORIZONTAL LETTER LEGAL POSTCARD	AUTOMATIC SHEET FEEDER MANUAL INSERTION
MEDIA TYPE	PRINTING COLOR
PLAIN PAPER COATED PAPER FOR OHP GLOSSY PAPER HIGH-GLOSS FILM THICK PAPER	COLOR MONOCHROME
PRINTING QUALITY	DITHER
HIGH QUALITY INTERMEDIATE QUALITY LOW QUALITY	DITHER PATTERN ERROR DIFFUSION
	<input type="checkbox"/>
	COLOR PROCESSING
	CYAN
	MAGENTA
	YELLOW
	BLACK
	<input type="button" value="OK"/> <input type="button" value="CANCEL"/>